

February 1, 2017

Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

WT Docket No. 16-421

Comments on Streamlining Deployment of Small Cell Infrastructure

Dear Madam Secretary:

DO NOT activate streamlining deployment of small cells! DO NOT implement 5G! This would be a travesty! In fact, it would be a crime to do so! It is well known that wireless technology brings harm to all forms of biological life. To ignore this is a deliberate act of bringing harm on the citizens of this nation.

There are safe ways to accomplish what needs to be accomplished. Hard-wired fiber optic, from start to finish, is safe! Landline phones and analog electrical meters are safe! Other countries are being responsible and fulfilling their duty to their people and are not hastily moving forward with 5G. In fact, several other countries are implementing measures to reduce wireless 'radiation' exposure to the people.

Implementing 5G would continue the onslaught of slowly killing people, by way of 'radiation.' Our government, the FCC and the wireless industry have been slowly turning up the 'radiation' by way of so-called 'Generations' of wireless. These 'Generations' have been negatively effecting the body and the body has been doing everything it can to adjust to the environment but there comes a point when the body can no longer withstand the onslaught of wireless 'radiation' and then a very dear price is paid, one's health even unto death in many cases.

For over 70 years, research has proven electromagnetic 'radiation' from radiofrequencies is harmful. This has been brought to your attention numerous times. Therefore, the further implementation of wireless 'radiation' is willful neglect of this truth. It is an omission of duty to do what is best for the people of this nation. It DOES, IS and WILL continue to bring harm on the people. It is irresponsible for our government, the FCC and the wireless industry to continue to deny this and to continue to willfully bring harm to all the people of this nation. This IS a crime!

What is a crime? It is a willful act of neglect or omission of responsible duty. It is something that brings injury. It is a wrong-doing. It is an ill-considered, senseless and/or foolish act that brings harm. It is an infringement. It is to violate, transgress or trespass. Anyone who participates or contributes is part of the crime. All WILL be held accountable.

Truth is a 100% guarantee. Anyone who refuses to acknowledge truth will someday come face-to-face with it and there will be a price. Wireless 'radiation' brings harm and ALL who have a

part in promoting and implementing wireless 'radiation' WILL someday have to face the travesty they brought on the people of this nation. Therefore, do what is right and STOP 5G and the implementation of anymore wireless 'radiation.'

In 1932, a German doctor published information in the local medical weekly about microwave sickness. Symptoms he talked about included intolerable headaches, insomnia, overly tired and susceptibility to infections. These symptoms were due to non-thermal effects from electromagnetic 'radiation.'

In the 1960's and 1970's, Polish research confirmed microwave syndrome, damage to chromosomes, developmental disorders in embryos, neurasthenia and psychoneurovegetative disorders.

In 1968, a strong warning went out to the public in regards to how harmful it would be if EMFs were emitted into the environment without some form of strict control.

In 1969, the USA held the Richmond Conference where overwhelming evidence was presented. In fact between 1955 and 1969, there were eleven conferences held. These conferences dealt with the biological effects and damage to health caused by microwaves, which ultimately is wireless 'radiation.' All symptoms already mentioned were confirmed along with cloudy eyes, leukemia, breaks in the chromosome as well as gastric bleeding.

By 1971, more than 2,000 documents revealed biological effects resulting in more than 120 illnesses and impairments from radiofrequency 'radiation.' This is enough evidence to warrant extreme caution.

In 1972, our own navy reported detrimental effects from radiofrequency 'radiation'.

In 1975, a study in the Annals of the New York Academy of Science talked about how wireless 'radiation' causes leakage through the blood brain barrier. This means the environment of the brain can be easily invaded.

In 1976, our own Defense Intelligence Agency warned of exposure to microwaves.

In 1991, a United States doctor performed a double-blind study confirming effects from electric magnetic energy. Changes in the autonomic nervous system were found.

In 1996, the studies of a Russian author from the Moscow Institute for Industrial Hygiene and Occupational Diseases confirmed what a German doctor back in 1932 had revealed. Additional symptoms were confirmed as well: cardiovascular issues, neurovegetative disorders, depression, neurosis, low productivity, inner agitation and hyperactivity.

In 1996, a professor and his associate from the German Federal Institute for Telecommunication turned over an overwhelming report on the effects of electromagnetic 'radiation'. It was concluded that the body goes through three phases while trying to adjust to the continual onslaught of high-frequency electromagnetic 'radiation'. The first phase consists of the alarm,

reaction and adaptation. The second phase is the early stages of a chronic disease. The third phase is the exhaustion stage.

In 1998, a US scientist discovered micronuclei in blood after wireless 'radiation' exposure.

In 1999, Canada warned of health risks from wireless communication including WiFi in schools.

In 2003, British researchers acknowledged brain proteins changed and were more pathological resembling Parkinson's and Alzheimer's. Fibromyalgia and Multiple Sclerosis result from the same type of damage to the brain.

In 2003, it was reported in the BBC that we can expect a whole generation of wireless phone users to suffer negative effects by the time they are middle age.

In 2004, the German Federal Agency for Radiation Protection studied the medical history of people living within 400 meters of cell tower antennas from 1994 to 2004. They found three times more malignant tumors.

In 2004, the Tel Aviv University studied people who lived within 350 meters of a mobile mast. After three to seven years, they found four times the number of cancer. In women, it was ten times the norm.

In 2004, a California study was done on firefighters whose stations had cell towers. They confirmed multiple health problems. The International Association of Fire Fighters activated a resolution to ban cell towers from fire stations.

In 2004, in Germany medical doctors evaluated people who complained of multiple health problems. It was confirmed that it was due to wireless 'radiation'. This study can be found in the Bamberg Appeal.

In 2005, Austria did a study on people suffering multiple health problems. They confirmed that it was due to mobile cell masts. These people were exposed to 'radiation' levels hundreds of times lower than what is in the United States.

In 2006, a study was done in Egypt on residents living near wireless antennas. They experienced multiple health problems.

In 2007, the German Government stated wired is better and to avoid WLAN.

In 2007, the International BioInitiative Report states wired is better than WiFi, especially in schools and libraries where children are.

In 2008, it was discovered by the Austrian Department of Health that people who lived within 200 meters of a mobile tower from 1984 to 1997 experienced a greater incidence of cancer, especially brain and breast.

In 2008, French libraries removed WiFi. European governments are considering removing WiFi from government buildings and campuses. The UK government is not indemnifying teachers and school boards from their responsibilities to protect the health and well-being of the students. This includes harm from WiFi, smart phones and wireless tablets used in schools.

In 2009, the French Health and Security Agency of France states it is better for people to reduce wireless exposure.

In 2009, Bavaria did a study on residents exposed to tower 'radiation'. They found a great increase of multiple health problems.

In 2009, a study was done on tadpoles. The exposed tadpoles had problems with coordination, abnormal sizes and a 90% mortality rate.

In 2010, the Government Environment and Health Committee from Israel stated wired is better in schools. They banned the sale of home WiFi technology. They stated that the health of the people comes before economics. This truly is a blessing. When the country looks out for the people, the ultimate end result is blessings and not consequences.

In 2010, Scientific Panel on Electromagnetic Field Health Risks states wired internet in schools is better and not to install wireless.

In 2010, the *Wireless Technologies and Young People, a Resource for Schools* stated that even if you are a meter away from an active mobile phone you can experience DNA damage. There is evidence of damage to brain cells of upto two meters away. It is recommended by the Vienna's Doctor's Chamber to be several meters away from an active mobile phone. The British Medical Association warns that kidneys and reproductive organs can be damaged through texting. They also recommend to not carry your phone in your pants pocket or text while holding your phone under your school desk.

In 2010, the Israeli Government Environmental and Health Committee recommended that Israeli schools provide wired phones to be used.

In Feb. 2011, a Department of Neuroscience in Sweden warned of developmental harm to pregnant women and children from wireless 'radiation'.

On May 31, 2011, wireless 'radiation' obtained 2B Carcinogen classification by the World Health Organization. NTP has studied and found that cell towers and antennas cause cancer. They are seriously considering raising its classification from Group 2B to Group 2A or Group 1 Carcinogen.

In June 2011, the *Journal of Integrative Neuroscience* reported that WiFi decreases attention in young men. Also, brain activity is altered in children and it may affect the development of the brain.

In 2011, Brazil concluded there were a greater number of cancer deaths from 1996 to 2006 of individuals who lived within 500 meters of a mobile mast.

In 2011, Germany did a study on urine. They discovered an increase in stress hormones with a decrease in dopamine and PEA after the activation of a mobile mast.

In 2011, scientists in the Ukraine emphasized the importance in using the precautionary principle when it comes to wireless 'radiation.'

In 2011, two teenagers in South Africa did a study on students with cell towers near their school and concluded that students began to experience multiple health problems.

In 2011, a Russian study revealed cognitive decline for 7 to 12 year olds who use cell phones.

In 2012, scientists in Switzerland noted abnormalities in eyes of calves born near mobile towers.

In 2012, a study in Taiwan revealed a greater number of tumors in children who lived near mobile towers from 1998 to 2007.

In 2013, a study in Spain confirmed an earlier study done in 2003 in regards to pathological symptoms due to wireless 'radiation'.

In 2014, a study in Iran revealed multiple health problems of people who lived within 300 meters of mobile antennas.

In 2014, a study in Japan revealed serious health problems for those living in condominiums with rooftop antennas.

In 2015, European scientists found that water cress will not germinate where there is wireless 'radiation.' The power density they used was hundreds of times lower than in the US.

In 2015, a study done on 12 to 17 year olds in Saudi Arabia were found to have a higher rate of diabetes. Wireless 'radiation' increases the risk of type 2 diabetes.

In 2015, France blessed their nation with legislation on wireless 'radiation' on behalf of their citizens.

On Feb. 24, 2016, a journal titled *Neuro-Oncology* reported in Chicago, Illinois that malignant brain tumors are now the leading cancer death for 15-39 year olds, especially 15-19 year olds.

A 2016 study from Emory University reveals that half of the adult population in the United States is now chronically ill.

In 2016, a questionnaire study done by Sweden and Denmark scientists revealed that mobile towers caused a variety of health problems.

In 2016, it was acknowledged that thyroid cancer is on the rise. Also, microwaves have neuropsychiatric effects.

In 2016, an appeal for new safety standards for wireless technology was signed by 223 scientists from 41 nations.

In 2016, a US review of 21 studies revealed wireless 'radiation' risk to male fertility.

A neurosurgeon at Charing Cross Hospital wrote that children should be protected from electromagnetic 'radiation' that is emitted in schools by wireless equipment.

There have been testimonies in the United States courts in regards to wireless 'radiation' causing irreparable damage to the eggs of young girls. Sperm and eggs that have been genetically damaged lead to producing offspring with mutant genes. The American Society for Reproductive Medicine has revealed that WiFi can damage sperm DNA after only four hours of wireless 'radiation' exposure from a laptop.

The removal of WiFi from schools is backed by the following court cases. In 1903, *People vs Pierson* guaranteed children the right to be free from sickness and death while at school. In 1923, *Meyer vs Nebraska* acknowledged the right of parents and family autonomy in regards to children. In 1944, *Prince vs Massachusetts* guaranteed parents the ultimate decision in regards to what is best for their child. In 2000, *Troxel vs Granvill* guaranteed parents the Fourteenth Amendment where they have the last say in what is right for their children.

Cardiac arrest is increasing in individuals younger than 19 years of age. Children are dropping dead while playing school sports. Our own National Institutes of Health reported on a study that revealed that children's health is at risk from wireless 'radiation.' The *European Journal of Oncology* reported on studies showing heart problems in the schools due to wireless 'radiation'. Children absorb 10X the amount of 'radiation' that adults do. The UK holds teachers and school board members accountable, in due time the same will happen within the United States. The United States will be forced to compensate millions of citizens for forcing them to sit in classrooms with WiFi where a child's health has been damaged, even their future children. This will in time become catastrophic for this nation.

A study shows a 500% increase in brain cancer if you start using wireless before 20 years of age. A 320% increase in eye cancer, a 90% increase in head cancer and a 60% increase in ear cancer if you used wireless for more than 10 years.

Doctors are warning about taccacardia that can lead to cardiac arrest, tumors, leukemia, poor memory, cognitive impairment, headaches, poor concentration, fatigue, and muscle & joint pain from WiFi. An in depth report can be found in the BioInitiative Report.

We are seeing an increase in chronic inflammatory conditions and neurodegeneration due to wireless 'radiation' damage.

Additional studies from WiFi have revealed immune system changes, decreased fertility, damage to genes, developmental abnormalities, and harm to the wildlife. An in depth report can be found at wifiinschools.org.

The Standing Committee on Health reported that wireless 'radiation' is greatly contributing to the colony collapse of the honey bee. There is a major decrease in the population of insects, especially the pollinators, which are vitally important for our survival.

Designing antennas as birdhouses is a disgrace!

A German study revealed trees died from microwave 'radiation'.

A study found disruption in the navigation of the Antarctic Krill due to radiofrequencies.

It is reported that approximately 64 million kids in America between 2-17 years of age are now addicted to wireless. It is revealed this addiction was planned by wireless corporations. They hire neurobiologists and neuroscientists to assist in developing video games. This is how serious greed has become in the corporate world of the United States. Again, truth does prevail. There will be a price to be paid by those who take part in such calloused forms of business.

Low-level radiofrequencies activate opioid and other chemical in the brain that are similar to psychoactive drugs. This study can be found in the BioInitiative Report Summary.

A US psychiatry professor, who is an expert in addiction, mentions today's addiction to small screens by teens is a 'digital heroin'.

Russian research has revealed an imbalance in brain protein and neurotransmitters in children who use cell phones.

A Swedish study revealed that microwave impulses break the blood brain barrier allowing proteins and toxins into the brain.

A report by the Irish Doctors' Environmental Association states that there is substantial evidence to show that many health effects are related to wireless 'radiation' and it is not right to be concerned solely on thermal effects.

A study has shown that cells exposed to wireless 'radiation' are unable to release heavy metals, such as those in vaccines. These metals interfere with dopamine.

Special Equipment is used to protect medical instruments in medical facilities from wireless 'radiation'. Yet, what is protecting people, especially children?

The United States mortality rate has jumped since 1996.

The Freiburger and Helsinki Appeals have approximately 3,000 doctors stating that the public is at risk with the current standards for wireless 'radiation'. Some health problems consist of

headaches, migraines, learning & concentration problems, brain tumors, chronic exhaustion, leukemia, brain generative diseases, cancer, fluctuations in blood pressure, stroke and heart attacks in the youth and heart rhythm disorders.

The European Parliament and Environmental Agency as well as the International Commission for Electromagnetic Safety believe the current standards are out dated and put people at risk.

The Catania Resolution has doctors from the USA, Italy, Austria, Jerusalem, Germany, Poland, Israel and Sweden voicing concern for children and adults.

The Benevento Resolution has doctors from 13 countries expressing their concern for children.

In Austria, the Public Health Department states that schools should not use WiFi. The Austria Medical Association is advocating for wired broadband. The Vienna Doctor's Chamber states it is better to use wired over WLAN.

A former Nokia boss admits that wireless 'radiation' took his health.

The United States military knows that human tissue and organs are dielectric properties. The lungs, heart and brain are the most sensitive for wireless radiofrequencies.

Another calloused angle of this wireless industry is the fact they send workers or 'tower dogs' up to construct towers without adequate safety gear. Workers are also routinely sent up towers to service them while they are still active and without proper 'radiation' gear. There is a high degree of cancer and leukemia among these workers.

Scientists from the National Research Council and Atomic Energy, both from Canada, have noticed electrochemical corrosion to transportation infrastructure, pipelines, and rebars in buildings due to wireless 'radiation'. If microwave 'radiation' can cause harm to these items, it is certain to cause harm to biological life.

Vibrations from WiFi can cause harm to a building's infrastructure and can also be a fire hazard.

Together 220 scientists from 41 nations have published more than 2,000 peer-reviewed research documents. Their results have shown that there are more adverse health effects due to continual exposure to wireless 'radiation'. It is not limited to cancer. These frequencies cause a broad range of health problems.

My own ailments when continually around wireless 'radiation' include:

Headaches	Difficulty Concentrating	Muscle & Joint Pain
Memory Loss	Dizziness	Nausea
Irritability	Numbness	Tingling
Fatigue	Weakness	Tremors
Flu-like Symptoms	Insomnia	Heart palpitations
Sinusitis	Pain or Pressure in the Chest	Shortness of Breath
Skin Rash	Slow or Fast Heart Rate	Deteriorating Vision

Burning	Pain or Burning in the Eyes	Cells Vibrating
Abdominal Pain	Pressure in Behind the Eyes	Digestive Problems
Loss of Appetite	Ringing in the Ears	Smell Blood
Hair Loss	Impaired Sense of Taste	Pain in Teeth
Dehydration	Metal Taste in Mouth-Like Nickels	Night Sweats
Sense of Electrocution or Touching an Electric Fence		
Dryness of Lips, Mouth, Eyes, Tongue	Washboard Fingernails	
Menstrual Cycle was more like a cut or deep wound instead of a normal flow		

Other countries are acknowledging the reality that wireless ‘radiation’ can cause an individual to become electromagnetically sensitive. These individuals are compensated by the government as well as given protected places to live. This is not happening in the United States, which will ultimately continue to force people who have had their health damaged to somehow survive in this cesspool of wireless ‘radiation’. This violates their right to ‘life, liberty and the pursuit of happiness’, of which I am one.

Warnings from scientists have not been taken seriously. This is willful neglect and omission of responsible duty. Our communities look like porcupines and all forms of biological life are deteriorating. These poles and antennas are continuously bombarding us with invisible waves of ‘radiation’ that is destroying the health of all forms of biological life. We cannot get away from them. The government of a country that allows this to happen is an irresponsible government that will in due time reap a bitter harvest of their irresponsible actions.

It is a Holocaust. It is child abuse, assault and battery, voluntary and involuntary manslaughter, murder, even genocide and torture by forcing people to live within the assault of wireless ‘radiation’ when their body can no longer handle it and then to go ahead and increase the amount and intensity of wireless ‘radiation.’ To willfully move forward, is to willfully ignore truth and willfully ignoring truth is willfully accepting the responsibility for the consequences. This is a willful criminal act. Our government is implementing a modern day Holocaust on the citizens of this nation. In fact, a Jewish lawyer states that the Holocaust pales in comparison to this.

I have included a tiny sample of the number of studies that have proven wireless ‘radiation’ to be harmful. Even this tiny sample is overwhelming. It exceeds the amount of evidence needed to warrant extreme caution. Plus, all these studies have shown harm by way of doing tests on single frequencies. We now have massive amounts of multiple frequencies invading our environment, which ultimately astronomically multiplies the dangerous effects. Yet, you desire to increase the amount of ‘radiation’ as well as the intensity of it. That’s insane! WE MUST STOP THIS INSANITY!!!

Wireless ‘radiation’ has never had to pass any safety tests. That means that the continual deployment of wireless ‘radiation’ by way of these ‘Generations’ is experimentation on the population of this nation. It is WRONG! It is a CRIME! Those who had a part in it will someday be held ACCOUNTABLE!

Sincerely,
Becky Huck